

A LOGIC TABLE ABSTRACTION LAYER FOR ACCESSING CONFIGURATION INFORMATION

Abstract of the Invention

A logic table object for accessing configuration information sourced by one or more
5 datastores is employed in a catalog environment of an attribute-based programming model. A
logic table object may provide supplemental logic, consolidate multiple underlying tables, map
between different disparate table coordinates, trigger external operations, and synthesize data for
inclusion in a virtual table presented to a caller. A logic table object can provide access to
configuration information cached in an underlying data table object and derived from a datastore.
10 Alternatively, a logic table can include its own cache, servicing calls therefrom until an update to
or from an underlying datastore is required.

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